

SHPO/OS

SPLIT

Date: Thursday, 4/12/2007 8:51:58 AM
User: Kim Johnston

Process Sheet

| | | | | | | |
|-----------------------|---------------------------------------|----------|------------------|-----------------------------|-----------------------|----------|
| Customer | : CU-DAR001 Dart Helicopters Services | | Drawing Name | : LH STEP ACTUATOR ASSEMBLY | | |
| Job Number | : 31744 | | | | | |
| Estimate Number | : 12760 | | | | | |
| P.O. Number | : | | | Part Number | : 41232 000 001 002 | |
| This Issue | : 4/12/2007 | S.O. No. | : | Drawing Number | : 41232-000-001 REV A | |
| Prsht Rev. | : NC | | | Project Number | : N/A | |
| First Issue | : / / | Type | : SMALL /MED FAB | Drawing Revision | : A | |
| Previous Run | : 31568 | | | Material | : | |
| Written By | : | | | Due Date | : 5/10/2007 | |
| Checked & Approved By | : <i>John.04.12</i> | | | Qty: | 4 | Um: Each |
| Comment | : Est Rev:A New Issue 07-02-28 JLM | | | | | |

Additional Product

Job Number:



| Seq. #: | Machine Or Operation: | Description : | |
|---------|-----------------------|--|--------------------|
| 1.0 | DC | DOCUMENT CONTROL | |
| | | Comment: DOCUMENT CONTROL Photocopy bluefile & type labels per PPP41232-000-001 | CHG 001 <i>002</i> |
| 2.0 | PACKAGING 1 | PACKAGING RESOURCE #1 | |
| | | Comment: PACKAGING RESOURCE #1 Pick Packing Kit | |
| 3.0 | AP0925ELBN | BARBED ELBOW | |
| | | Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s) BARBED ELBOW Batch: <i>M103727 ✓ ✓</i> | |
| 4.0 | AN960JD416 | Washer | |
| | | Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s) Washer Batch: <i>M102929 ✓ ✓</i> | |
| 5.0 | MS21042L4 | Nut | |
| | | Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s) Nut Batch: <i>M103914 ✓ ✓</i> 7/5/4 SP | |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:51:58 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: LH STEP ACTUATOR ASSEMBLY

Job Number: 31744

Part Number: 41232 000 001 002

Job Number:



Seq. #: Machine Or Operation:

Description :

6.0 AN423A Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Bolt

Batch: M103688

③ ① ✓ ✓

7.0 MS354893 GROMMET



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

GROMMET

Batch: M103688 ✓ ✓

8.0 AN960JD416L Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Washer

M103962 ✓

9.0 MS24665151 Cotter Pin



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Cotter Pin

M14526 ✕

10.0 MS203923C21 Pin



at seen the stock

Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pin

M11765 ✓ -

11.0 R 3400 plastic tubing 1/4id x 3/8od-black



Comment: Qty.: 3.0500 f(s)/Unit Total : 12.2000 f(s)

plastic tubing 1/4id x 3/8od-black

Cut to 18" Long X2

Batch: M103351

① ② 1x18"

✓ M104229 -

12.0 41232 200 006 001 Bracket



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Bracket

Batch: B30505

✓ 7/8/3 59

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:51:58 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: LH STEP ACTUATOR ASSEMBLY

Job Number: 31744

Part Number: 41232 000 001 002

Job Number:



Seq. #: Machine Or Operation:

Description :

13.0 41232 200 005 001 Spacer (Step Actuator)



Comment: Qty.: 3.0000 Each(s)/Unit Total : 12.0000 Each(s)

Spacer (Step Actuator)

Batch: B30503 ✓

14.0 41232 200 004 001 Reducer Tee Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Reducer Tee Assembly

Batch: B30502 ✓ B31018 ✓ 31779 ✓

15.0 41232 200 003 001 Spring (Step Actuator)



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Spring (Step Actuator)

Batch:

16.0 41232 200 001 002 Step Actuator RH



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Step Actuator RH

Batch: B31745 ✓ IX -

17.0 41232 200 003 001 Spring (Step Actuator)



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Spring (Step Actuator)

BATCH: B30501 ✓ B30941 ✓ 7/5/3 SQ (4)

18.0 QC4 INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

7/5/13 (1) C207/05/15 (1)

19.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP 41232-000-001-001

Location: _____

PPP Rev: _____

Rev Draft 7/5/15 SQ (1) ✓

add to kit phase 124K002 4CR 6545 m104389
was part of assy w/o - should be on pick info

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:51:58 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: LH STEP ACTUATOR ASSEMBLY

Job Number: 31744

Part Number: 41232 000 001 002

Job Number:



Seq. #: Machine Or Operation:

Description :

20.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



4/12/07

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

| REVISION | | | | | |
|----------|---------|---------|---|-------------|---------|
| LETTER | DTFSMAN | DATE | DESCRIPTION | APPROVED | DATE |
| A | DNN | 1/14/04 | INCORP. E.O.; CHG. P/N OF ITEM #17. MINOR CHANGE - FAR 21.95 | 1/14/04-1-1 | 1/14/04 |

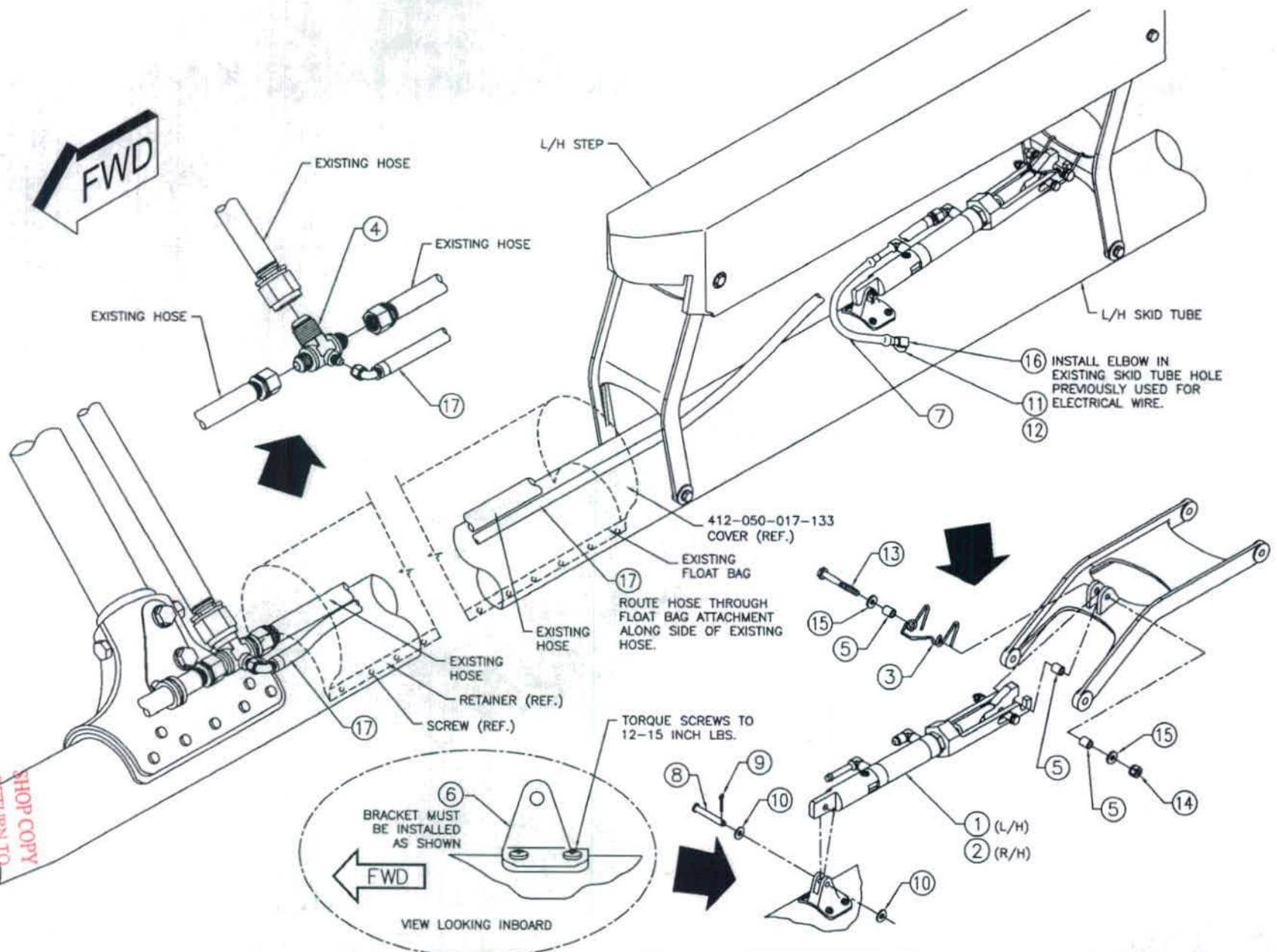
A

| | | | | | | | | |
|------|--------|----------|------------------------------|-------------------|--|----------|------------|------|
| | | | | | | | | |
| 1 | 1 | 17 | PS4025E000DF540A | HOSE | | | | |
| 1 | 1 | 16 | AP0925ELBN | BARBED ELBOW | ARK-PLAS PRODUCTS, INC., FLIPPIN, ARKANSAS | 72634 | | |
| 2 | 2 | 15 | AN960JD416 | WASHER | | | | |
| 1 | 1 | 14 | MS21042-L4 | NUT | | | | |
| 1 | 1 | 13 | AN4-23A | BOLT | | | | |
| AR | AR | 12 | MIL-S-8802 | SEALANT | | | | |
| 1 | 1 | 11 | MS35489-93 | GROMMET | | | | |
| 2 | 2 | 10 | AN960JD416L | WASHER | | | | |
| 1 | 1 | 9 | MS24665-151 | COTTER PIN | | | | |
| 1 | 1 | 8 | MS20392-3C21 | PIN | | | | |
| 2 | 2 | 7 | R-3400 1/4 ID x 3/8 OD BLACK | PLASTIC TUBING | NORTON PERFORMANCE PLASTICS CORP., AKRON, OHIO | 44309 | | |
| 1 | 1 | 6 | 41232-200-006-001 | BRACKET | (ALT. P/N 412-050-026-101, BELL HELICOPTER) | | | |
| 3 | 3 | 5 | 41232-200-005-001 | SPACER | | | | |
| 1 | 1 | 4 | 41232-200-004-001 | REDUCER TEE | | | | |
| 1 | 1 | 3 | 41232-200-003-001 | SPRING | | | | |
| 1 | | 2 | 41232-200-001-002 | R/H ACTUATOR ASSY | | | | |
| | 1 | 1 | 41232-200-001-001 | L/H ACTUATOR ASSY | | | | |
| | | | -002 | R/H INSTALLATION | | | | |
| | | | -001 | L/H INSTALLATION | | | | |
| -002 | -001 | FIN. NO. | PART NO. | NAME | STOCK SIZE | MATERIAL | MATL. SPEC | ZONE |
| NO. | REQ'D. | PER ASSY | | LIST OF MATERIAL | | | | |

| | | | | | | | | | |
|---|---------------------|--|---------|-----------|------------|---------------|-------------------------------|------|--|
| NOT RELEASER ASSY | | LIST OF MATERIAL | | | | | | | |
| PROPRIETARY RIGHTS NOTICE THESE DATA ARE PROPRIETARY TO ERA ACTUATOR INC. AND ARE PROVIDED FOR INTERNAL USE ONLY. THE INFORMATION CONTAINED HEREIN IS FOR INTERNAL USE ONLY AND IS NOT TO BE DISCLOSED TO ANYONE EXCEPT THOSE EMPLOYEES OF ERA ACTUATOR INC. WHO ARE FURNISHED THIS INFORMATION AS A RESULT OF THEIR EMPLOYMENT WITH ERA ACTUATOR INC. THE INFORMATION CONTAINS TRADE SECRETS AND IS THE PROPERTY OF ERA ACTUATOR INC. THE INFORMATION CONTAINS TRADE SECRETS AND IS THE PROPERTY OF ERA ACTUATOR INC. THE INFORMATION CONTAINS TRADE SECRETS AND IS THE PROPERTY OF ERA ACTUATOR INC. | | STEP ACTUATOR INSTALLATION | | | | | | | |
| | | UNLESS OTHERWISE SPECIFIED X±.1 TOL±.03 IDOL±.010 ANGLES ±.1/2" | DRFTSMN | D. NELSON | 5/20/02 | TITLE | STEP ACTUATOR INSTALLATION | | |
| | | | CHECK | D. MURPHY | 5/20/02 | | | | |
| 41232-1000 | | STRESS | | | DRAW. SIZE | C | SCALE | NONE | |
| | | PULL ENGR. | | | DRAW. NO. | 41232-000-001 | REV. | A | |
| | | HEAT TREAT | | | SHT | 1 OF 2 | | | |
| | | FINISH | | | | | | | |
| | | <i>Era Actuator, Inc.</i> | | | | | | | |
| DRFT NO. | REVIS'D FOR REV. | NEXT ASSEMBLY | | | | | | REL. | |

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 31744





-001 L/H INSTALLATION (SHOWN)
-002 R/H INSTALLATION (OPPOSITE)

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GOING DOES NOT APPLY TO VENDOR PARTS.

ERA Aviation, Inc.

STEP ACTUATOR INSTALLATION

REV. C S/N. 41232-000-001
SHT 2 OF 2

REV. A

UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE

WORK ORDER
NO. 31744

SHOP COPY
RETURN TO
ENGINEER AS
IS



Split
SP 07/05/11Date: Thursday, 4/12/2007 8:52:30 AM
Kim Johnston

Process Sheet

| | | | | | |
|-----------------------|-------------------------------------|----------|------------------|----------------------|--|
| Customer | CU-DAR001 Dart Helicopters Services | | Drawing Name | LH ACTUATOR ASSEMBLY | |
| Job Number | 31745 | | | | |
| Estimate Number | 12761 | | Part Number | 41232 200 001 001 | |
| P.O. Number | N/A | | Drawing Number | 41232-200-001 REV IR | |
| This Issue | 4/12/2007 | S.O. No. | Project Number | N/A | |
| Prsh Rev. | NC | | Drawing Revision | IR | |
| First Issue | N/A | Type | Material | N/A | |
| Previous Run | 31450 | | Due Date | 5/10/2007 | |
| Written By | | | Qty: | 4 Um: Each | |
| Checked & Approved By | <u>07.04.12</u> | | | | |
| Comment | Est Rev:A New Issue 07-02-28 JLM | | | | |

Additional Product

Job Number:



| Seq. #: | Machine Or Operation: | Description: |
|---------|--|--------------------------|
| 1.0 | MS208224 | elbow |
| | | |
| | Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s) elbow Batch: M103688 | |
| 2.0 | 124K002 4CR 0545 | Hose ass'y-Step Actuator |
| | | |
| | Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s) Hose ass'y-Step Actuator BATCH: <i>07/05/11</i> | |
| 3.0 | AN8424D | Elbow |
| | | |
| | Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s) Elbow Batch: M104156 | |
| 4.0 | 41232 200 007 001 | Brass Cylinder Assembly |
| | | |
| | Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s) Brass Cylinder Assembly Batch: B30942 | |
| 5.0 | MS1699623 | cap screw |
| | | |
| | Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s) cap screw Batch: M103934 | <i>SP 07/05/11</i> |

| W/O: | | WORK ORDER CHANGES | | | | | |
|----------|------|--------------------|----|----------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| 07/05/11 | 16 | Split u/o | SB | 07/05/11 | 1 | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Thursday, 4/12/2007 8:52:30 AM

Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: LH ACTUATOR ASSEMBLY

Job Number: 31745

Part Number: 41232 200 001 001

Job Number:



Seq. #: Machine Or Operation:

Description :

6.0 AN3154R Nut



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Nut

Batch: M 17566

7.0 AN960JD416 Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Washer

Batch: M 102929

8.0 AN960JD10 Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Washer

Batch: M 100743

9.0 MS21042L3 Nut



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Nut

Batch: M 104215

10.0 AN322A Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Bolt

Batch: M 3413

11.0 41232 200 005 003 Spacer (Step Actuator)



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Spacer (Step Actuator)

Batch: B 31022

12.0 41232 200 002 005 pivot arm



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

pivot arm

Batch: B 31021 ④

SB 07/05/11 ①

| W/O: | | WORK ORDER CHANGES | | | | | | | |
|------|------|--------------------|-------|--|----|----------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | | | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| SB | 1 | Qty Part # desc. | batch | | | 07-05-11 | 1 | | |
| | | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: Date: 07/05/14
 QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|--|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector | |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | | |
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NOTE: Date & initial all entries

Thursday, 4/12/2007 8:52:30 AM

Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: LH ACTUATOR ASSEMBLY

Job Number: 31745

Part Number: 41232 200 001 001

Job Number:



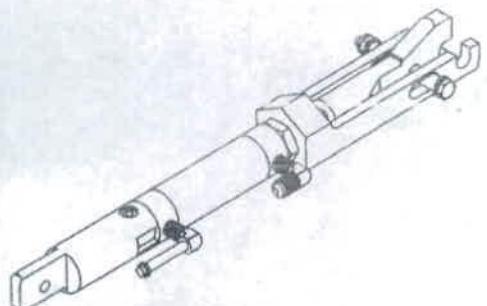
| Seq. #: | Machine Or Operation: | Description : |
|---|-----------------------|-------------------------------|
| 13.0 | 41232 200 002 003 | latch |
| | | |
| Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s) | | |
| latch | | |
| Batch: B 31777 | | |
| 14.0 | 41232 200 002 001 | tube |
| | | |
| Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s) | | |
| tube | | |
| Batch: B 31019 ① | | |
| 15.0 | 41232 200 008 001 | Decal |
| | | |
| Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s) | | |
| Decal | | |
| Batch: H 31023 | | SB 07/05/07 ① |
| 16.0 | SMALL FAB 1 | SMALL & MEDIUM FAB RESOURCE 1 |
| | | |
| Comment: SMALL & MEDIUM FAB RESOURCE 1 | | |
| 1- Assemble as per Dwg 41232-200-001 | | |
| 2-Torque as per Dwg 41232-200-001 | | SB 07/05/07 ② |
| 17.0 | QC5 | INSPECT WORK TO CURRENT STEP |
| | | |
| Comment: INSPECT WORK TO CURRENT STEP | | |
| 18.0 | PACKAGING 1 | PACKAGING RESOURCE #1 |
| | | |
| Comment: PACKAGING RESOURCE #1 | | |
| Identify and Stock | | |
| Location: _____ | | PC 1/07/11 ① |
| 19.0 | QC21 | FINAL INSPECTION/W/O RELEASE |
| | | |
| Comment: FINAL INSPECTION/W/O RELEASE | | |
| Job Completion | | R 07/05/14 W 07/05/15 ① |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

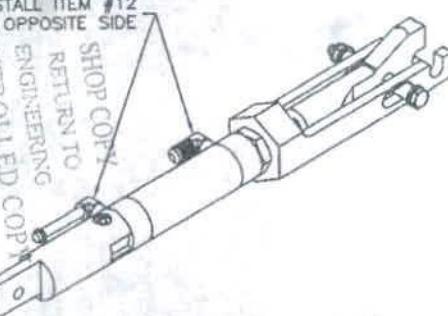
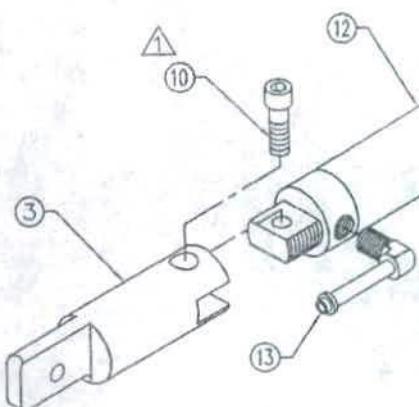
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
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| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries



-001 L/H ACTUATOR ASSY

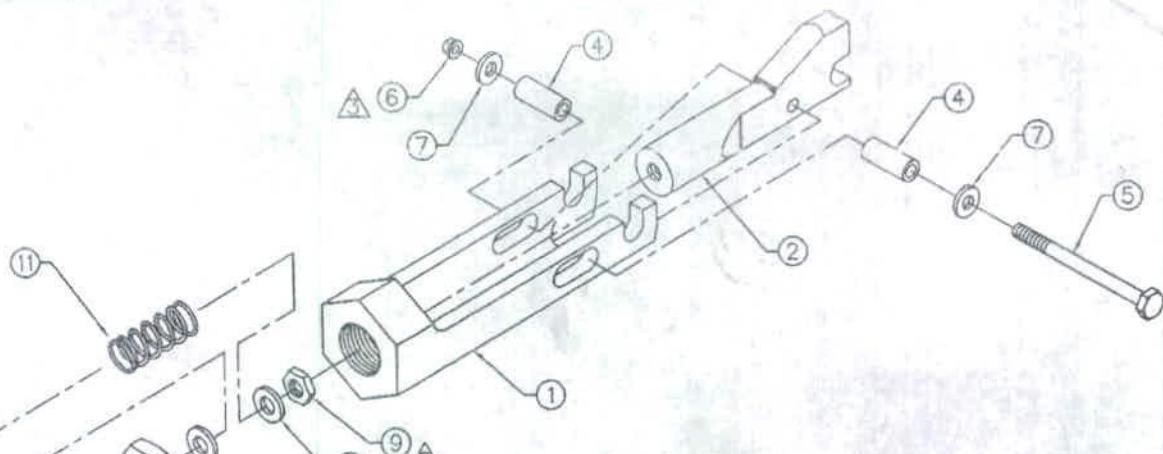


-002 R/H ACTUATOR ASSY

WORK ORDER NO. 3174
SUBJECT TO AMENDMENT
WITHOUT NOTICE
UNCONTROLLED COPY
ENGINEERING COPY
RETURN TO
SHOP COPY
INSTALLED ON
OPPOSITE SIDE

- ▲ TORQUE 80-100 IN.-LB.
- ▲ TORQUE 20-25 IN.-LB.
- ▲ TORQUE 50-75 IN.-LB.
- ▲ TORQUE 50-75 IN.-LB.

NOTES:



| | 1 | 1 | 15 | 3/4x20 BRASS | CYLINDER NUT | | | |
|--------------------|---|----|----|-------------------|-------------------|------------|----------|----------------|
| 1 | 1 | 14 | | MS20822-4 | ELBOW | | | |
| 1 | 1 | 13 | | AN842-4D | ELBOW | | | |
| 1 | 1 | 12 | | 41232-200-007-001 | CYLINDER | | | |
| 1 | 1 | 11 | | 71459 | SPRING | | | |
| 1 | 1 | 10 | | MS16996-23 | CAP SCREW | | | |
| 1 | 1 | 9 | | AN315-4R | NUT | | | |
| 2 | 2 | 8 | | AN960JD416 | WASHER | | | |
| 2 | 2 | 7 | | AN960JD10 | WASHER | | | |
| 1 | 1 | 6 | | MS21042-L3 | NUT | | | |
| 1 | 1 | 5 | | AN3-22A | BOLT | | | |
| 2 | 2 | 4 | | 41232-200-005-003 | SPACER | | | |
| 1 | 1 | 3 | | 41232-200-002-005 | PIVOT ARM | | | |
| 1 | 1 | 2 | | 41232-200-002-003 | LATCH | | | |
| 1 | 1 | 1 | | 41232-200-002-001 | TUBE | | | |
| | | | | -002 | R/H ACTUATOR ASSY | | | |
| | | | | -001 | L/H ACTUATOR ASSY | | | |
| NO. REQ'D PER ASSY | | | | PART NO. | NAME | STOCK SIZE | MATERIAL | MATL.SPEC ZONE |

LIST OF MATERIAL

| PROPRIETARY RIGHTS NOTICE | | UNLESS OTHERWISE SPECIFIED | DRAFTSMAN | D. NELSON | 5/20/02 | TITLE |
|--|--|--|-------------|-----------|---------|--------------------|
| THESE DATA ARE THE PROPERTY OF ERA AVIATION, INC. REPRODUCTION, REVERSE ENGINEERING, OR DISSEMINATION OF THESE DATA FOR ANY PURPOSE IS FORBIDDEN. SOLICITATION FOR QUOTATION OR AUTHORIZATION FROM ERA AVIATION, INC. THESE DATA DO NOT APPLY TO VENDOR PARTS. | | X.B.1 X.C.8.03 X.OOL.8.010 ANGLES X.1/2" | CHECK | D. MURPHY | 5/20/02 | STEP ACTUATOR ASSY |
| | | | STRESS | | | |
| | | | PROJ. ENGR. | | | |
| | | | HEAT TREAT | | | |
| | | | FINISH | | | |
| | | | | | | DWG. NO. |
| | | | | | | 41232-200-001 |
| | | | | | | REV. |
| | | | | | | IR |



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